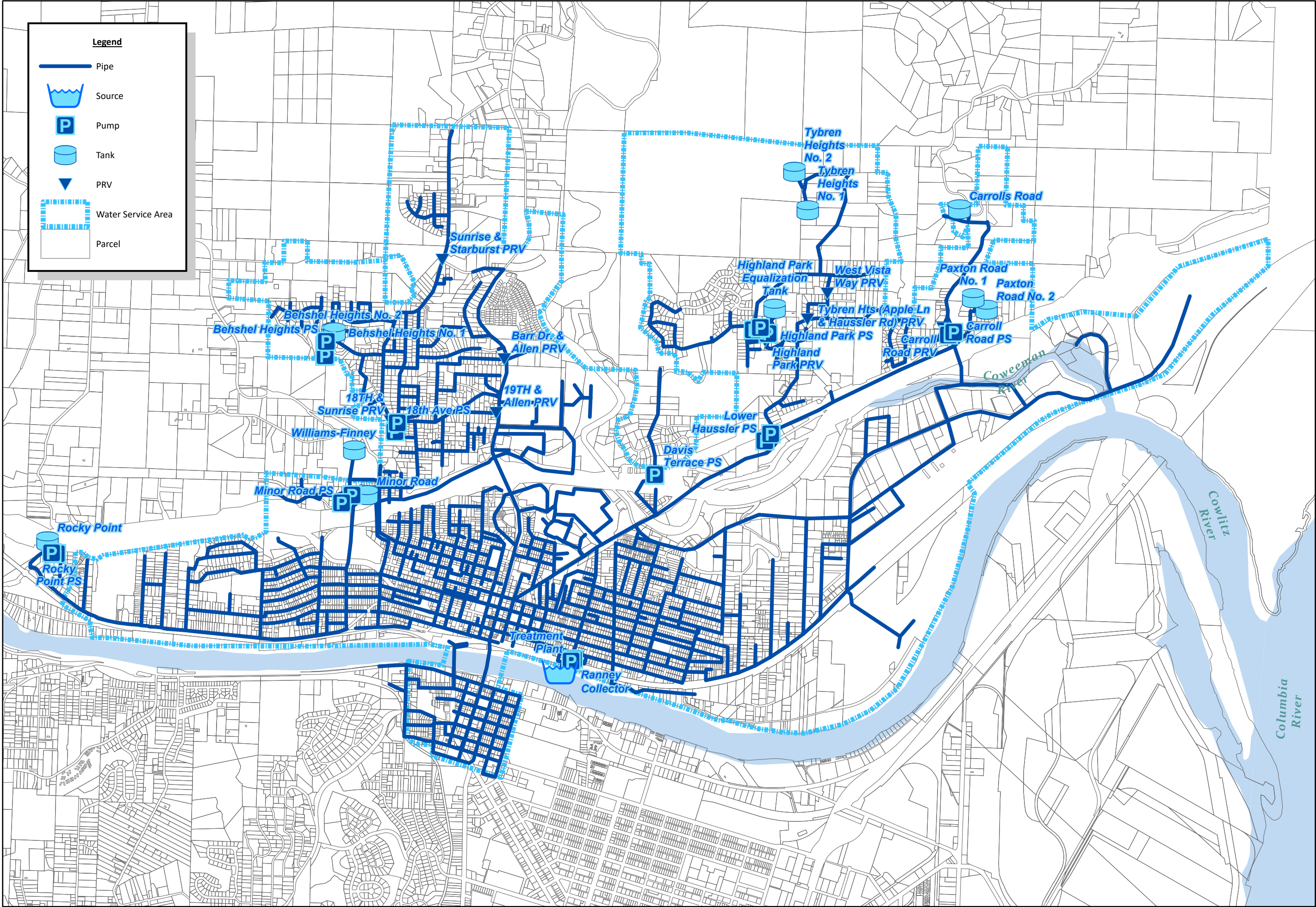




Legend

- Pipe
- Source
- Pump
- Tank
- PRV
- Water Service Area
- Parcel

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Vicinity Map

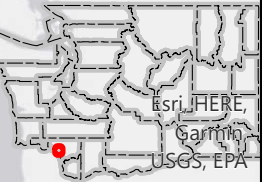


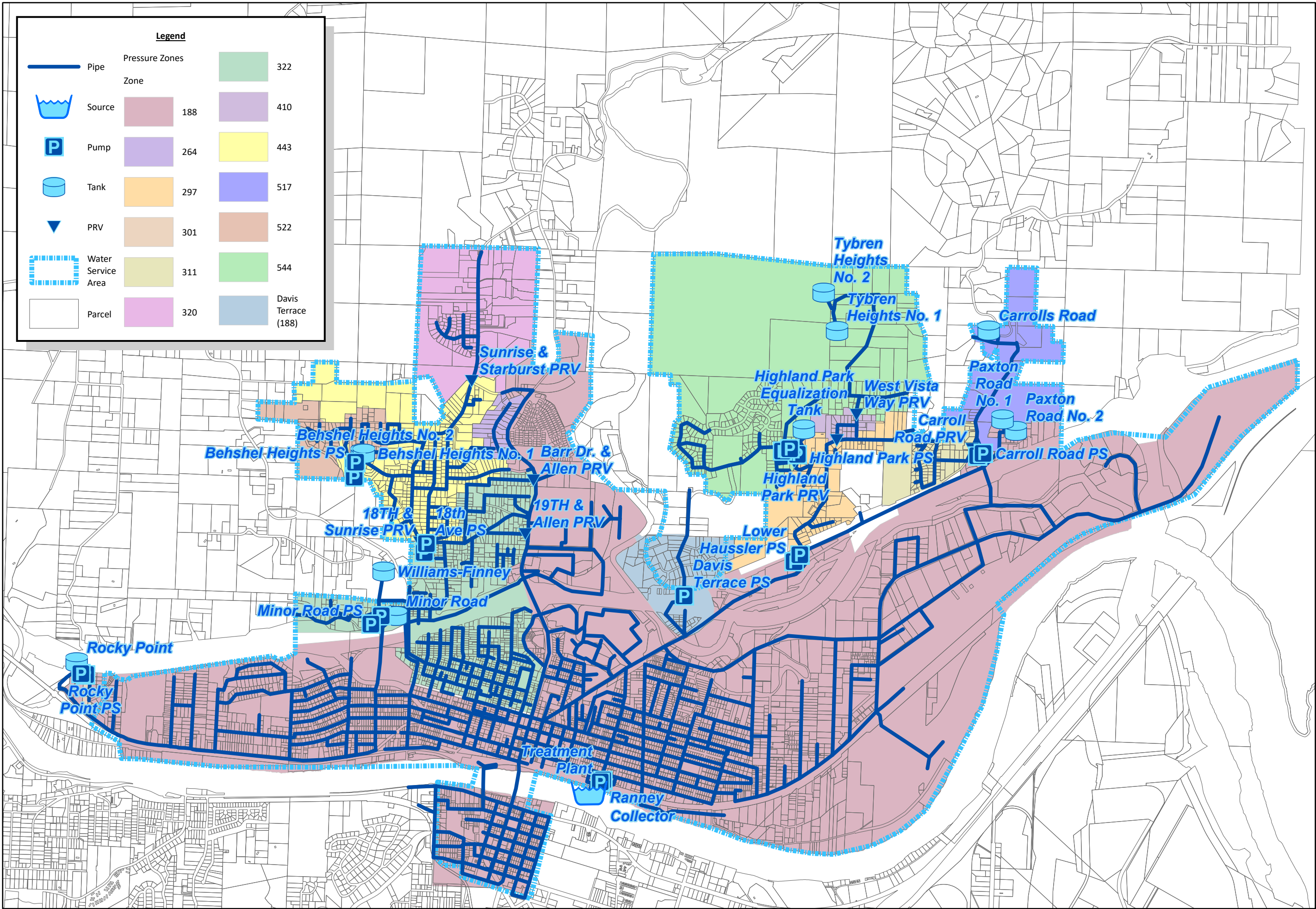
Figure 2.1 Existing Water System City of Kelso Water System Plan



1 inch : 2,000 Feet
0 500 1,000 2,000 Feet
DRAWING IS FULL SCALE WHEN BAR MEASURES 2"



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Legend

	Pipe	Pressure Zones		322
	Source	Zone		188
	Pump			410
	Tank			443
	PRV			517
	Water Service Area			522
	Parcel			544
				Davis Terrace (188)

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Vicinity Map



Figure 2.3
Existing Pressure Zones
City of Kelso
Water System Plan



1 inch : 2,000 Feet
0 500 1,000 2,000 Feet
DRAWING IS FULL SCALE WHEN BAR MEASURES 2"



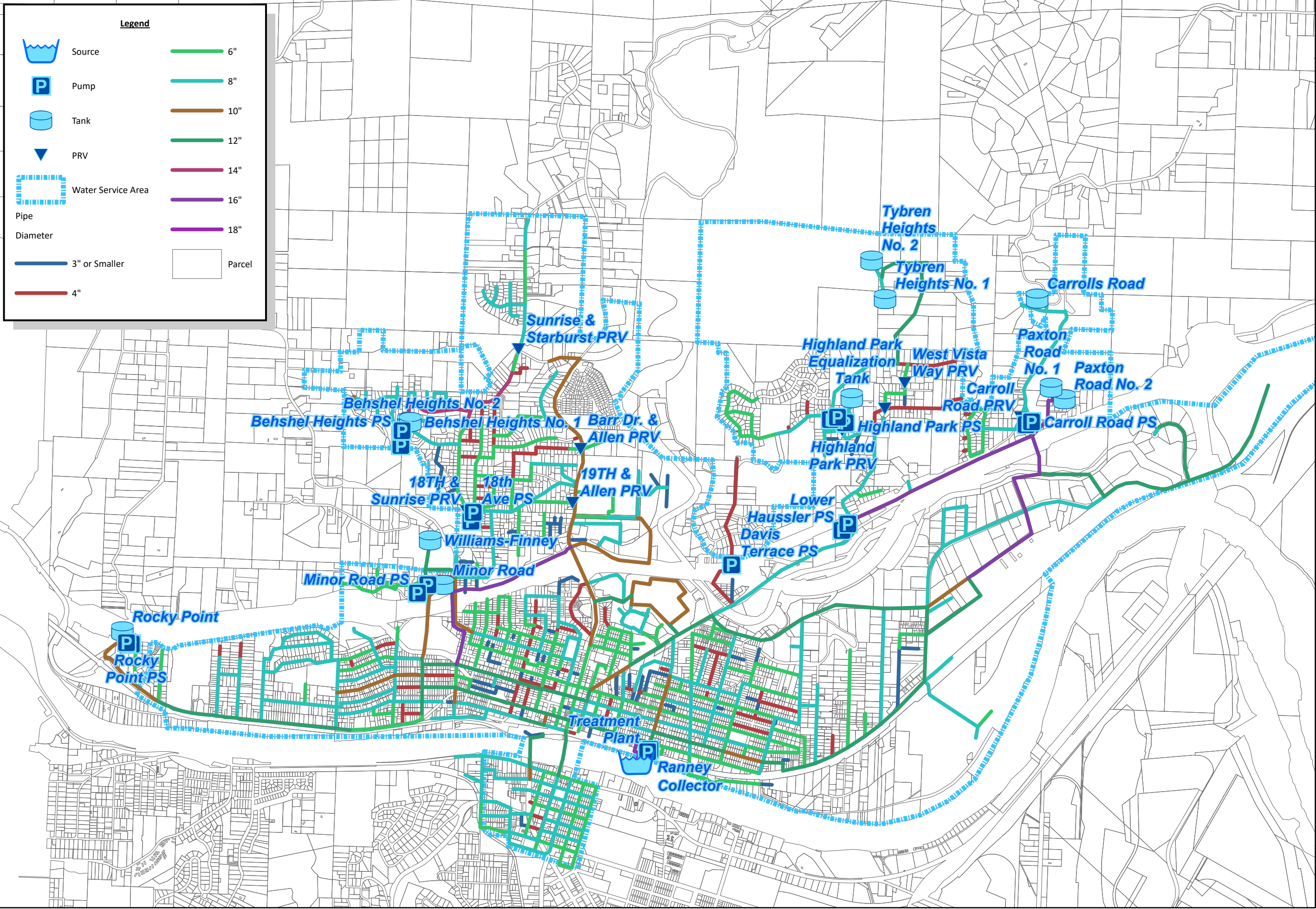
J:\DATA\KEL\618-141\GIS\MAP\FIGURES\APX BY: KPAPINEAU PLOT DATE: MAR 28, 2025 COORDINATE SYSTEM: NAD 1983 STATEPLANE WASHINGTON NORTH FIPS 4601 FEET

Source
 Pump
 Tank
 PRV
 Water Service Area

6"
 8"
 10"
 12"
 14"
 16"
 18"

3" or Smaller
 4"

Parcel



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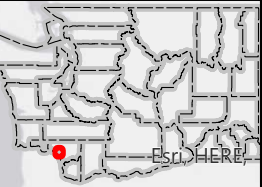


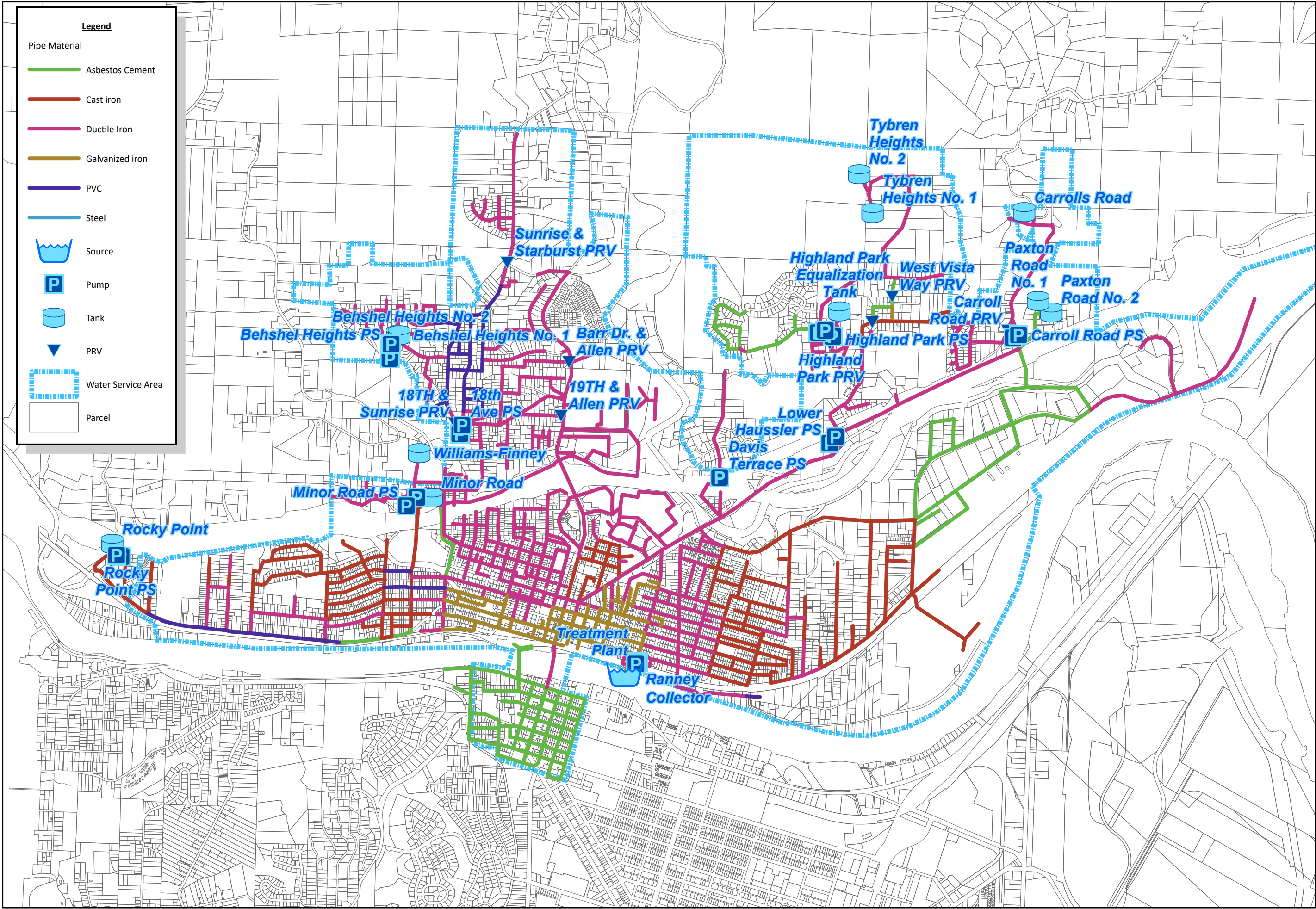
Figure 2.4
Existing Pipe Size
City of Kelso
Water System Plan



1 inch : 2,000 Feet
0 500 1,000 2,000 Feet
DRAWING IS FULL SCALE
WHEN BAR MEASURES 2"



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Legend

Pipe Material

Asbestos Cement

Cast iron

Ductile Iron

Galvanized iron

PVC

Steel

Source

Pump

Tank

PRV

Water Service Area

Parcel

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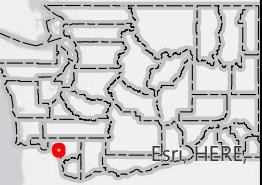


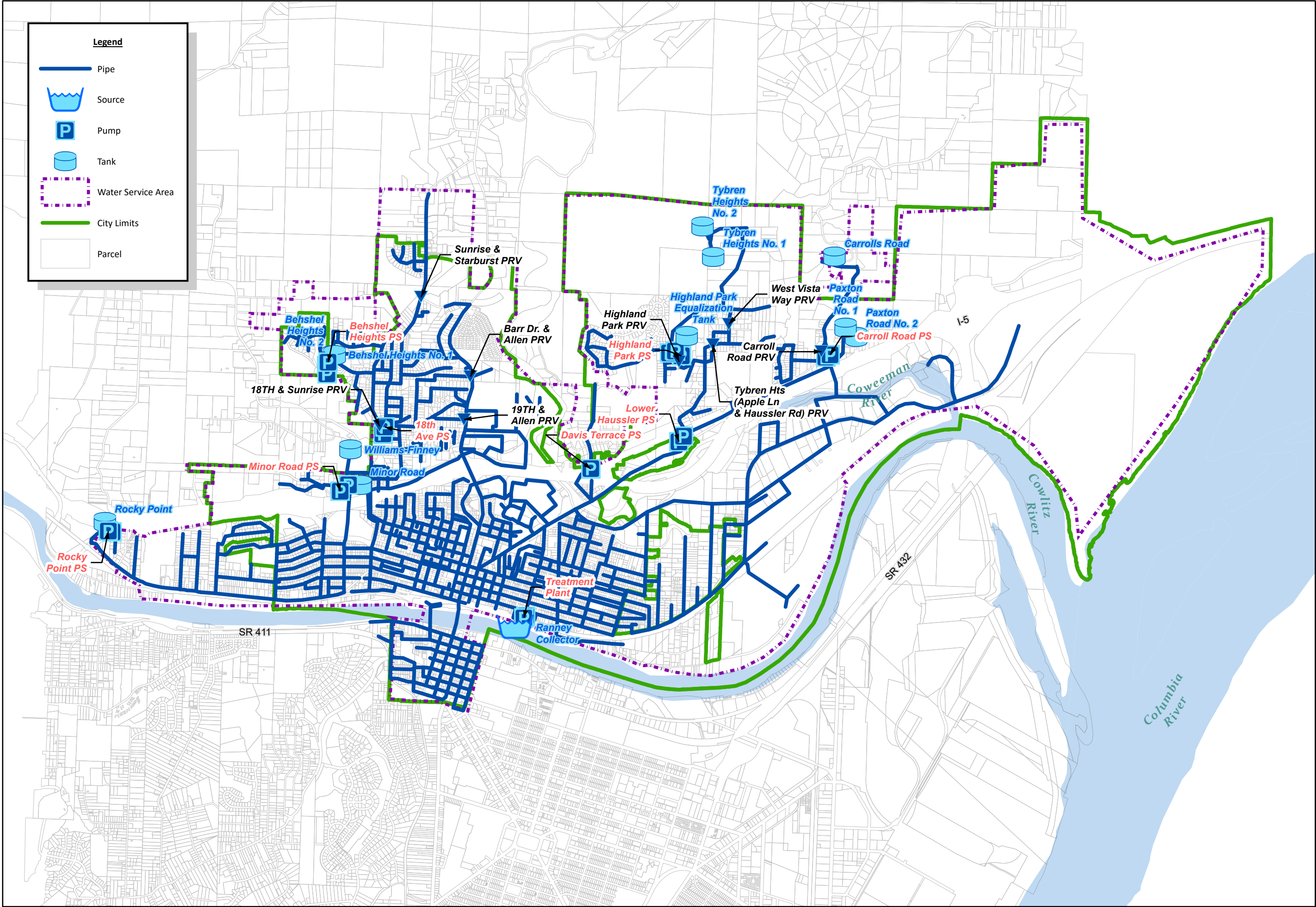
Figure 2.5
Existing Pipe Material
City of Kelso
Water System Plan



1 inch : 2,000 Feet
0 500 1,000 2,000 Feet
DRAWING IS FULL SCALE
WHEN BAR MEASURES 2"



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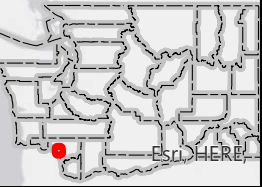


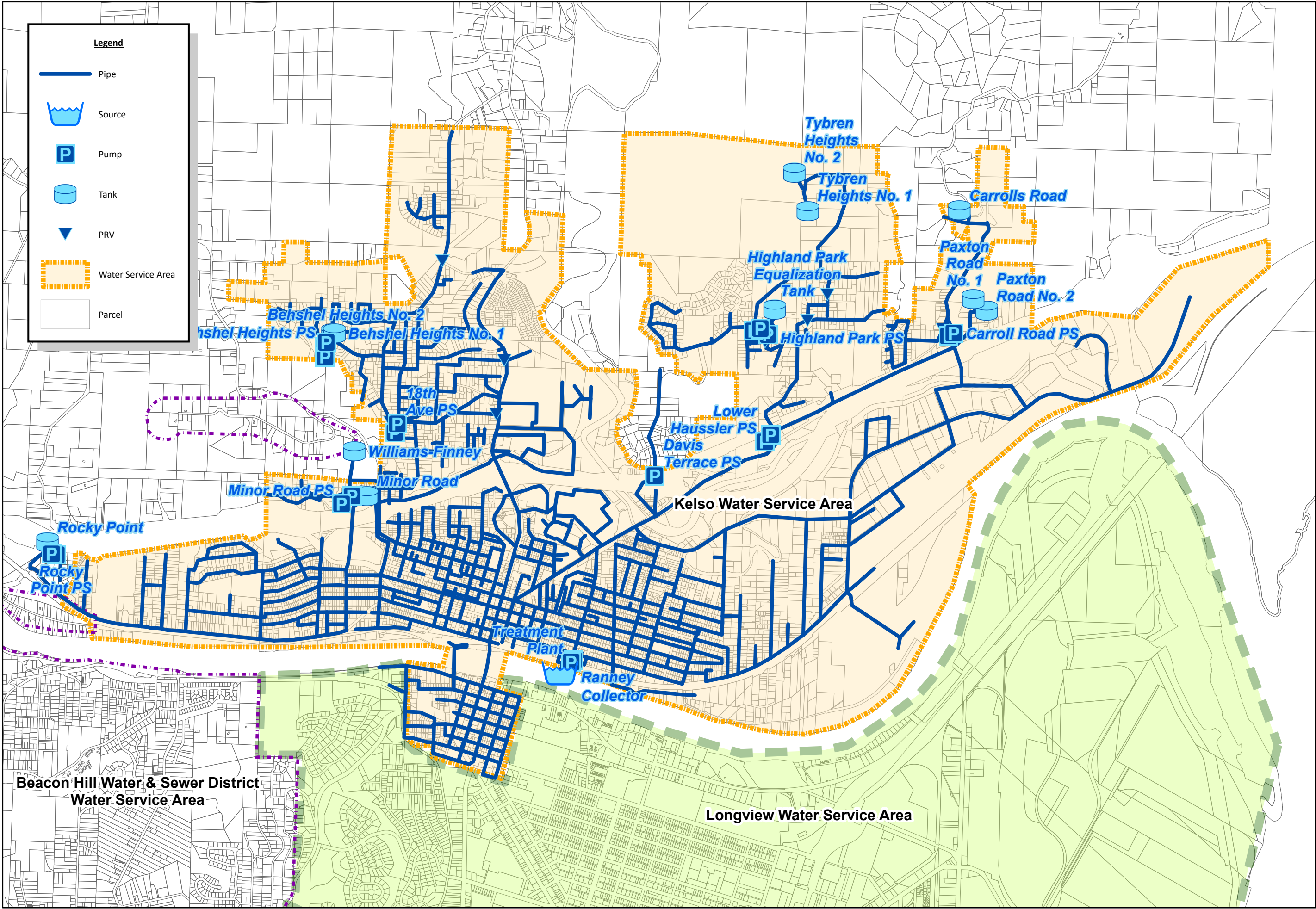
Figure 2.6 Water Service Area City of Kelso Water System Plan



1 inch : 2,500 Feet
0 500 1,000 2,000 Feet
DRAWING IS FULL SCALE
WHEN BAR MEASURES 2"



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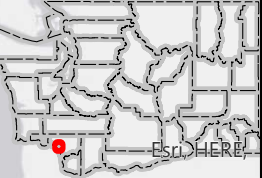


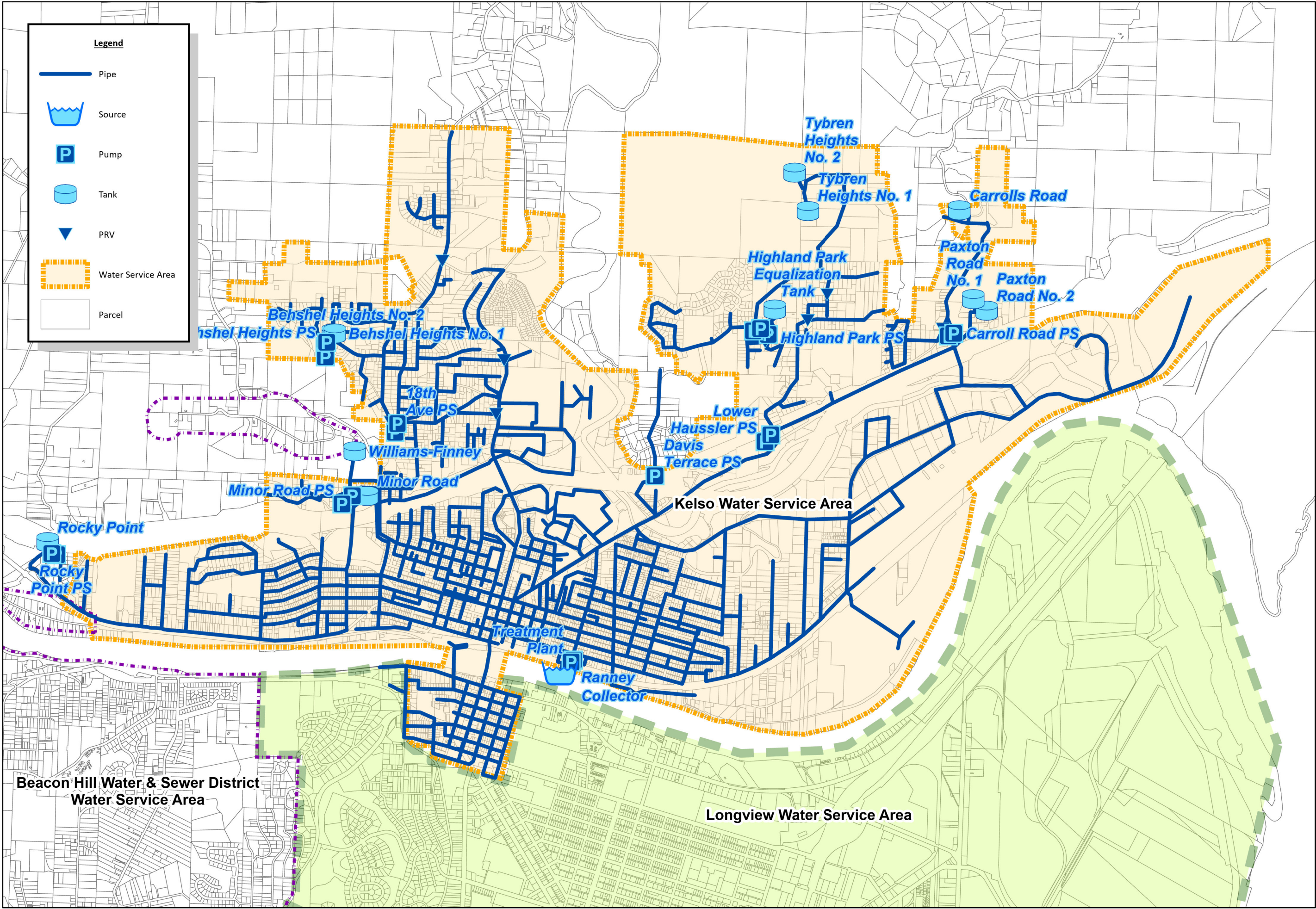
Figure 2.7
Adjacent Water Systems
City of Kelso
Water System Plan



1 inch : 2,000 Feet
0 500 1,000 2,000 Feet
DRAWING IS FULL SCALE WHEN BAR MEASURES 2"



J:\DATA\KEL518-141\GIS\MAP\FIGURES\APX BY: KPAPINEAU PLOT DATE: MAR 28, 2025 COORDINATE SYSTEM: NAD 1983 STATEPLANE WASHINGTON NORTH FIPS 4601 FEET



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Vicinity Map

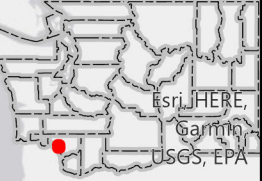


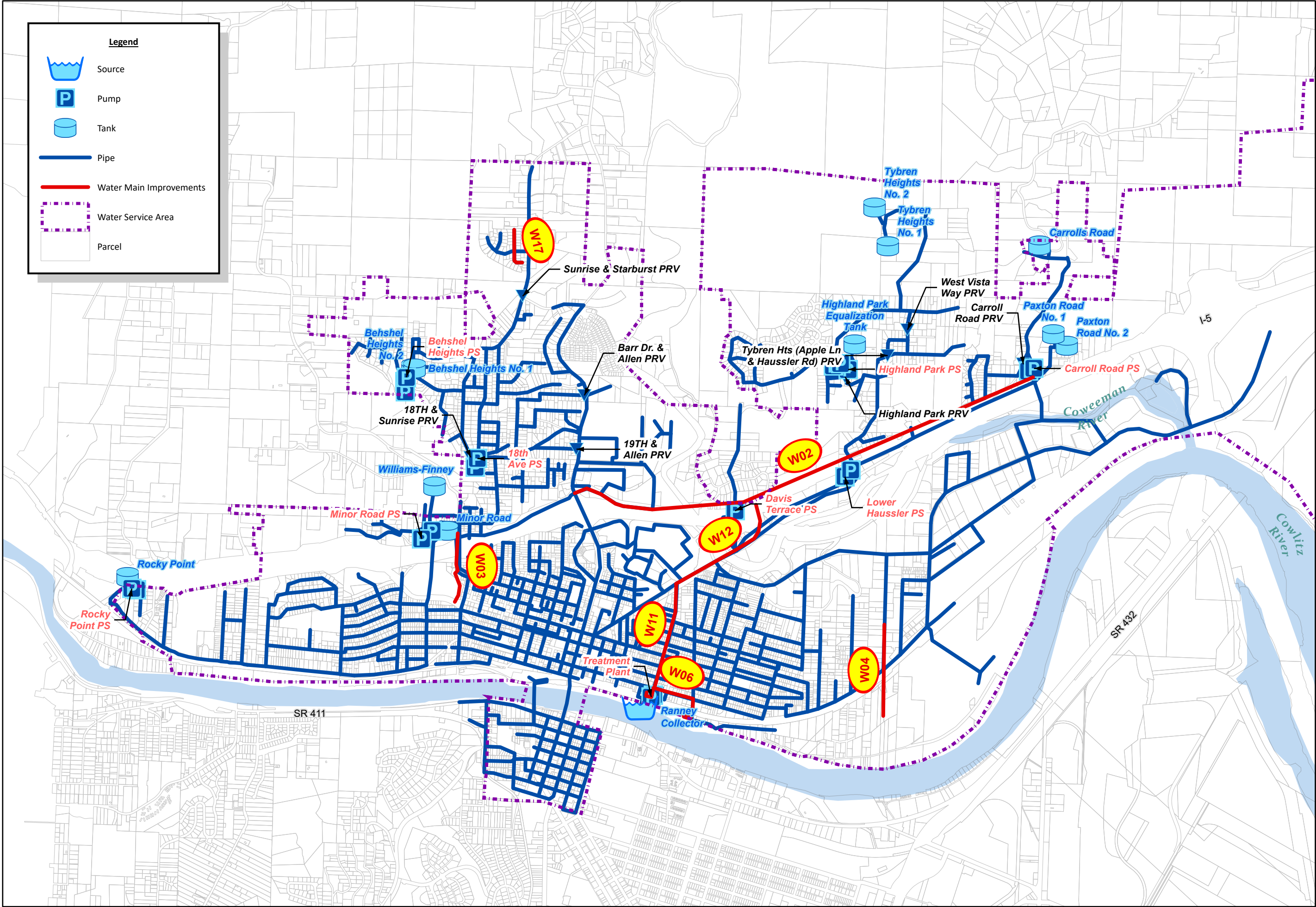
Figure 2.7
Adjacent Water Systems
City of Kelso
Water System Plan



1 inch : 2,000 Feet
0 500 1,000 2,000 Feet
DRAWING IS FULL SCALE WHEN BAR MEASURES 2"



J:\DATA\KEL\518-141\GIS\MAP\FIGURES\APRX BY: KPAPINEAU PLOT DATE: MAR 28, 2025 COORDINATE SYSTEM: NAD 1983 STATEPLANE WASHINGTON NORTH FIPS 4601 FEET



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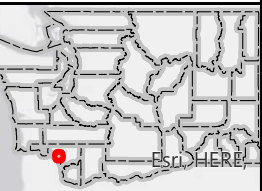


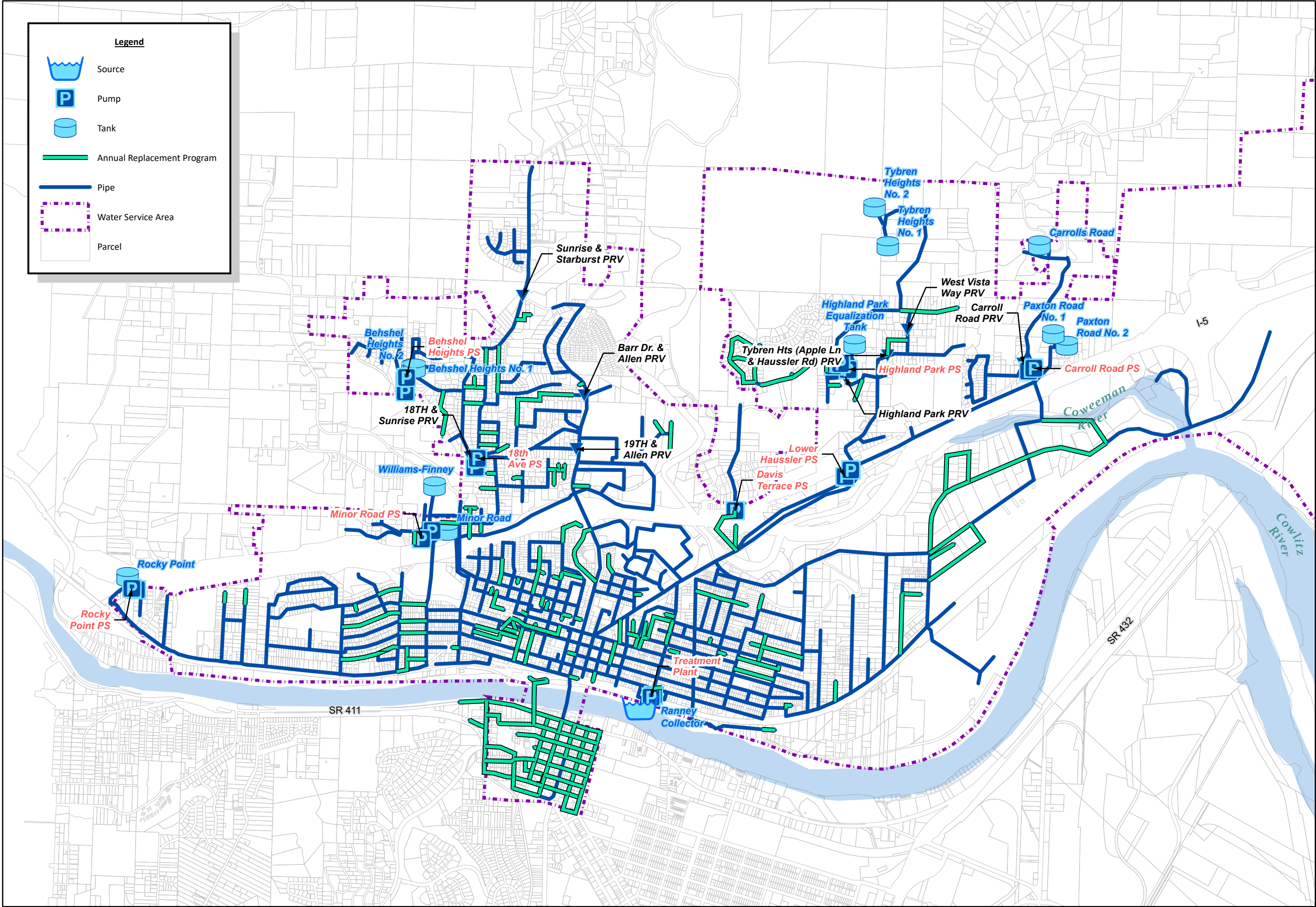
Figure 9.1 Proposed Water System Improvements City of Kelso Water System Plan



1 inch : 2,000 Feet
0 500 1,000 2,000 Feet
DRAWING IS FULL SCALE
WHEN BAR MEASURES 2"



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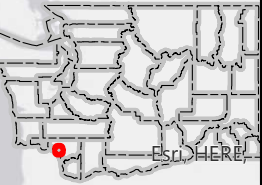


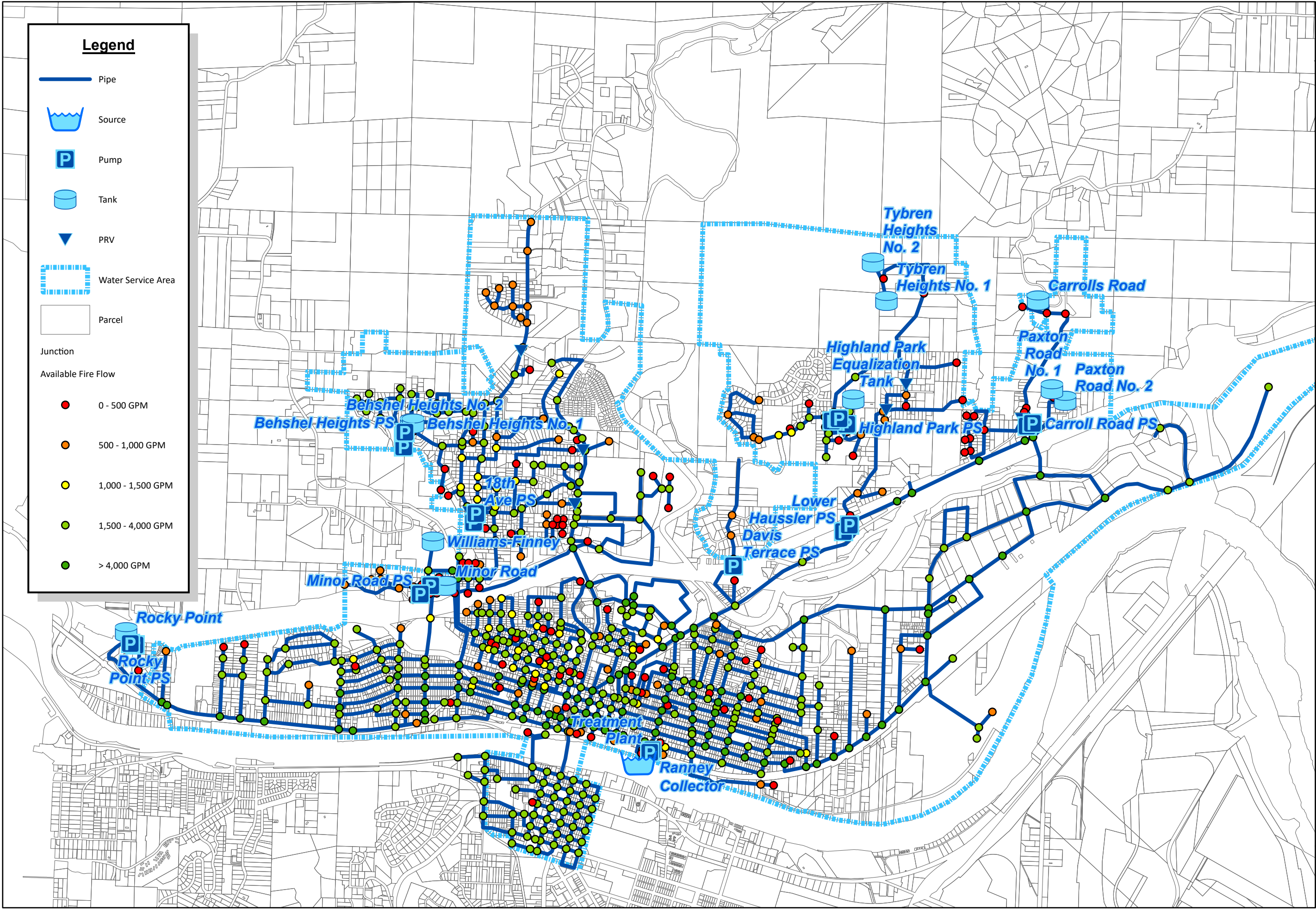
Figure 9.3 Annual Replacement Program City of Kelso Water System Plan



1 inch : 2,000 Feet
0 500 1,000 2,000 Feet
DRAWING IS FULL SCALE
WHEN BAR MEASURES 2"



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Vicinity Map



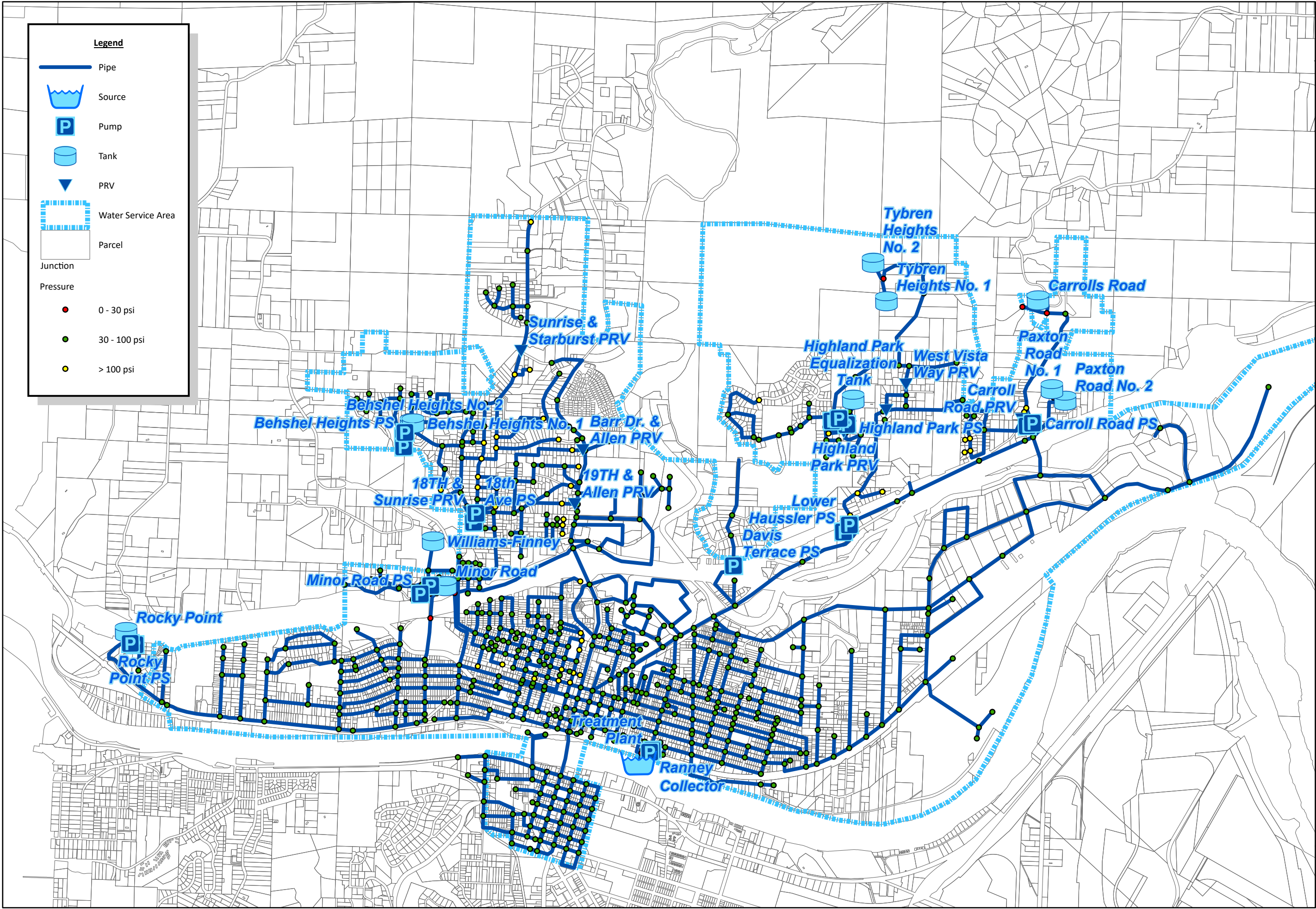
Figure A
Existing Water System MDD
City of Kelso
Water System Plan



1 inch : 2,000 Feet
0 500 1,000 2,000 Feet
DRAWING IS FULL SCALE WHEN BAR MEASURES 2"



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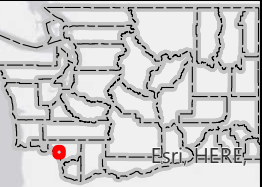


Figure B
Existing Water System PHD
City of Kelso
Water System Plan



1 inch : 2,000 Feet
0 500 1,000 2,000 Feet
DRAWING IS FULL SCALE WHEN BAR MEASURES 2"



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Diameter

3" or Smaller

4"

6"

8"

10"

12"

14"

16"

18"

Source

Legend

P

Tank

PRV

Water Service Area

Parcel

Junction

0 - 500 GPM

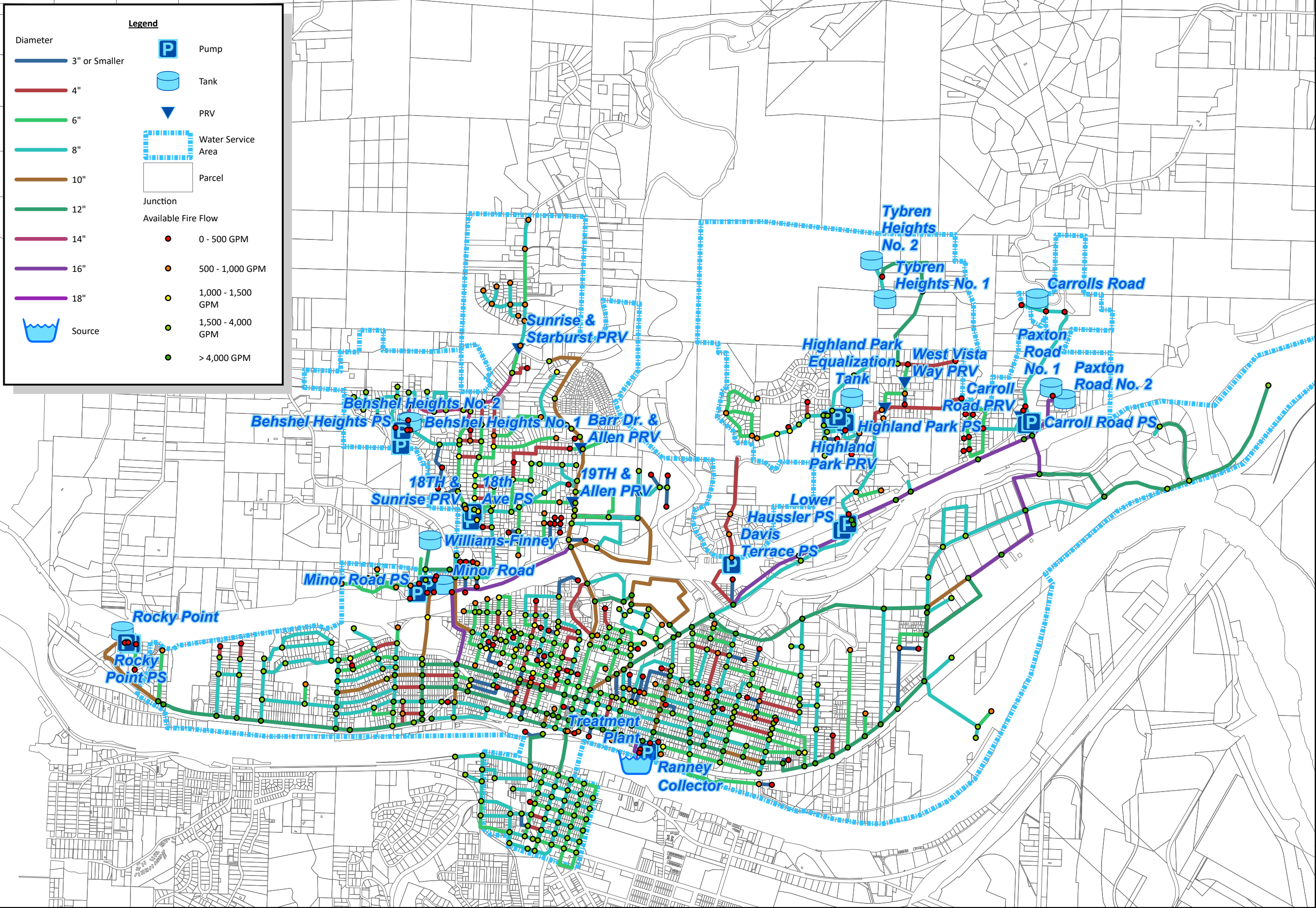
500 - 1,000 GPM

1,000 - 1,500 GPM

1,500 - 4,000 GPM

> 4,000 GPM

Available Fire Flow



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Vicinity Map

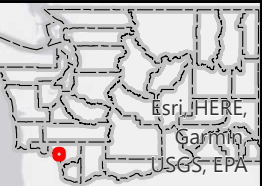


Figure C

2030 MDD Available Fire Flow

City of Kelso

Water System Plan



1 inch : 2,000 Feet

0 500 1,000 2,000 Feet

DRAWING IS FULL SCALE WHEN BAR MEASURES 2"



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Diameter

3" or Smaller

4"

6"

8"

10"

12"

14"

16"

18"

Source

Legend

P Pump

Tank

PRV

Water Service Area

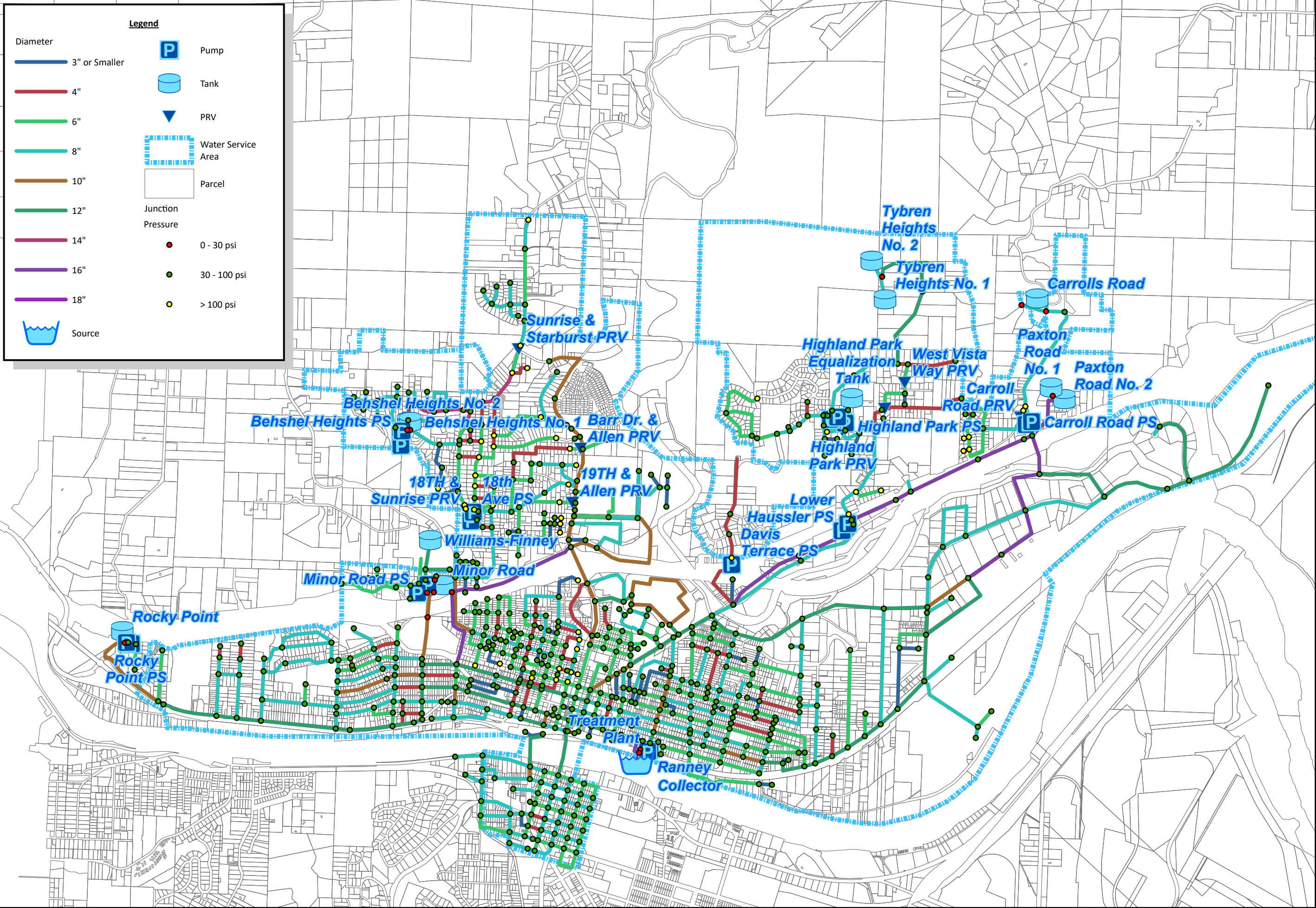
Parcel

Junction Pressure

0 - 30 psi

30 - 100 psi

> 100 psi



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Vicinity Map



Figure D
2030 PHD Pressure
City of Kelso
Water System Plan



1 inch : 2,000 Feet
0 500 1,000 2,000 Feet
DRAWING IS FULL SCALE WHEN BAR MEASURES 2"



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Diameter

3" or Smaller

4"

6"

8"

10"

12"

14"

16"

18"

Source

Legend

Pump

Tank

PRV

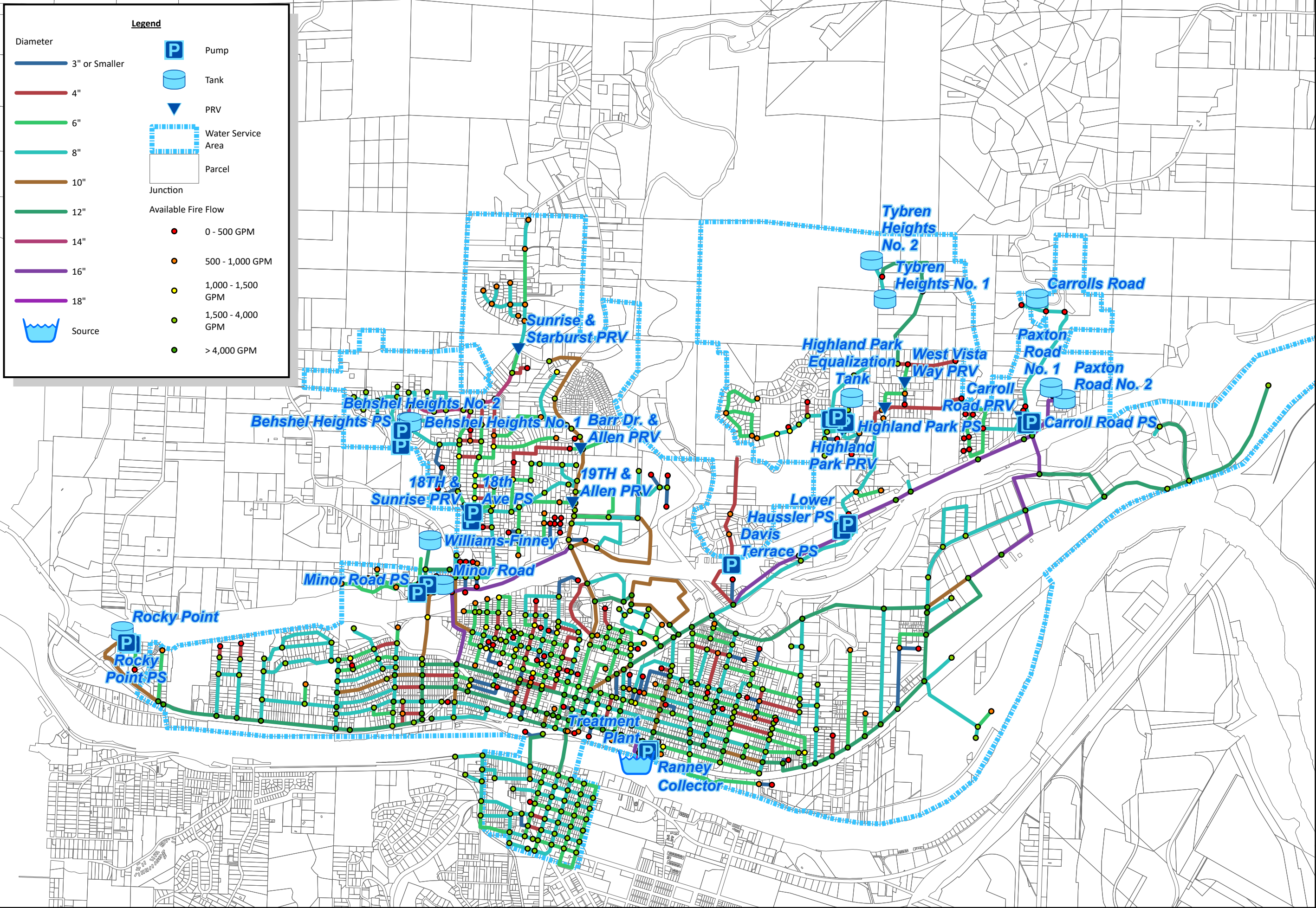
Water Service Area

Parcel

Junction

Available Fire Flow

- 0 - 500 GPM
- 500 - 1,000 GPM
- 1,000 - 1,500 GPM
- 1,500 - 4,000 GPM
- > 4,000 GPM



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Vicinity Map

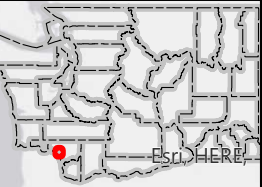


Figure E

2040 MDD Available Fire Flow

City of Kelso

Water System Plan



1 inch : 2,000 Feet

0 500 1,000 2,000 Feet

DRAWING IS FULL SCALE WHEN BAR MEASURES 2"



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Diameter

3" or Smaller

4"

6"

8"

10"

12"

14"

16"

18"

 Source

Legend

P

Pump



Tank



PRV



Water Service Area



Parcel

Junction

Pressure

0 - 30 psi

30 - 100 psi

> 100 psi

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Vicinity Map

Figure F
2040 PHD Pressure
City of Kelso
Water System Plan

1 inch : 2,000 Feet
0 500 1,000 2,000 Feet
DRAWING IS FULL SCALE WHEN BAR MEASURES 2"

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